References

1. Ahmad, O.; Kumar, S. M.; Mayur, Y. C.; Prasad, V. V.; Purohit, M. N.; Srinivasulu, N.; Synthesis of 2-methyl N10-substituted acridones as selective inhibitors of multidrug resistance (MDR) associated protein in cancer cells, *Med.Chem.* **2008**, 4(5),457-65.
2. Alain, P.; Bruno, P.; Francois, T.; Hanh Dufat, S. M.; David-Cordonnier, M. A.; Koch, M.; Quyen, D.; Laurence, K. B.; Lansiaux, S.D.; Romain, M.; Rodrigue, Y.; Stephane, L.; Thomas, G.; Wen, T., Synthesis, cytotoxic activity, and DNA binding properties of antitumor cis-1,2-dihydroxy-1,2-dihydrobenzo[b]acronycine cinnamoyl esters, *Bioorganic & Medicinal Chemistry,* **2009,** 17, 1918–1927.
3. Ali, M. A.; Siddiqui, A. A.; Yar, M. S., Synthesis and anti-tuberculostatic activity of novel 1,3,4-oxadiazole derivatives, *Journal of the Chinese Chemical Society*, **2007**,54,5-8.
4. Arasampattu, S. N.; Kamalraj, S.; Muthumary, J.; Reddy, B. S. R. novel benzothiazole derivatives and evaluated their antibacterial activity and find out their efficacy in inhibiting the growth of the four human pathogenic bacteria *Indian Journal of Chemistry*, **2009**, 48B, 1577-1582.
5. Arora, A.; Chawla, R.; .; Michael, S.; Parameswaran, M. K.; Sharma, P. C.; Thengungal, K. R.; Synthesis of novel 1,3,4-oxadiazole derivatives as potential antimicrobial agents, *Acta Poloniae Pharmaceutical and Drug Research*, **2010**, 67 (3), 247-253.
6. Asim, F.; Iqbal, R.; Khan, K. M.; Khan, S.W.; Mirza, B.; Manan, A.; Zareef, M.; Synthesis and antimicrobial activity of some derivatives of acylhydrazine including novel benzenedisulfonamides, *ARKIVOC*, **2008**, (ii), 141-152.
7. Bakht, A.; Goyal, S.; Islam, M.; Rajesh, R.; Siddiqui, A. A., Synthesis and antimicrobial activity of some novel oxadiazole derivatives, *Acta Pol Pharm.*, **2008**, 65(4), 441-447.
8. Bambeke, F. V.; Carbo, F.; Franchini, C.; Florio, M. A.; Muraglia, M.; Mola, A. D.; Matucci, R.; Nesi, M.; Rosato, A.; Vitali, C. synthesized 2-Mercaptobenzothiazole derivatives and screened for *in-vitro* antibacterial activity

against the panel of Gram-positive and Gram-negative bacteria strains. *Arch. Pharm. Chem. Life Sci*. **2009**, 342, 605-613.

9. Barnes, J.; Caraher, M. C. Doncaster , J. R.; Humphries, M. P.; Nolan, K. A., The inhibitors of NS3 helicase, which efficiently and specifically inhibit subgenomic HCV replication by new acridone derivatives, *Bioorganic & Medicinal Chemistry*, **2010**, 18(2), 696-706.
10. Bentley, K. W.; Burton, M.; Uff, B.C., Preparation of 7-(1,3,4-oxadiazolyl)-6,14-endo-etheno-6,7,8,14-tetrahydrothebaines and related compounds as potential analgesics, *J. Med. Chem.*, **1984**, *27* (10), 1276–1280.
11. Bertosa, B.; Caleta, I.; Kralj, M.; Marjanovic, M.; Pavlovic, G.; Pavelic, K.; Tomic, S.; Zamola G. K. a series of novel cyno and amidinobenzothiazole derivatives. All amidino derivatives showed noticeable antiproliferative effect on several tumor cell lines. *J. Med. Chem*. **2009**, 52, (6), 1744-1756
12. Bhadury, P. S.; Hu, D. Y.; Jin, L. H.; Liu, F.; Luo, X. Q.; Song, B. A.; Yang, S.; Xue, W.; Synthesis and antifungal activity of novel sulfoxide derivatives containing trimethoxyphenyl substituted 1,3,4-oxadiazole moiety, *Bioorganic and Medicinal Chemistry*, **2008**, 16, 3632-3640.
13. Bhat, K. S.; Karthikeyan, M. S.; Holla, B. S.; Shetty, N. S., Synthesis of Some New Fluorine Containing 1,3,4-Oxadiazole Derivatives as Potential Antibacterial and Anticancer Agents, *ChemInform*, **2004**, 35, (50).
14. Boutefnouchet, S.; David-Cordonnier, M.H.; Gaboriaud-Kolar, N.; Depauw, S.; Leonce, S.; Pierre, A.; Lallemand, M.C.; Pfeiffer, B.; Sylvie, M.; Tillequin, F.A.; Tuan-Minh, N.; synthesis, cytotoxic activity, and mechanism of action of Furo[2,3-*c*]acridin-6-one and Benzo[*b*]furo[3,2H]acridin-6-one analogues of Psorospermin and Acronycine, *J. Med. Chem.* **2008**, *51*, 7287-7297.
15. Bradshaw, T. D.; Catriona, G. M.; Crochard, J. P.; Stevens, M. F. G.; Stone, E. L.; Wells, G.; Westwell, A. D.[17] synthesis of series of 2-phenyl benzothiazole derivatives.on the basis of the discovery of the potent and selective in vitro antitumor properties of 2-(3,4-dimethoxyphenyl)-5-flourobenzothiazole *J. Med. Chem*. **2006**, 49, 179-185

16. Bujdakova, H.; Magdolen, P.; Sigmundova, I.; Zahradnik, P. synthesized benzothiazolium derivatives (2-styryl benzothiazolium salts substituted on the heterocyclic ring *Arkivoc*, **2008**, 8, 183-192.
17. Cao, D. Gao, C.; Jiang, Y.; Liu, H., Tan, J.; Zu, X.; Synthesis and potent antileukemic activities of 10-benzyl-9(10H)-acridinones, *Bioorganic & Medicinal Chemistry*, **2008**, 16(18), 8670-8675.
18. Chauhan, M. S.; Kumar, A.; Kumar, S. R.; Puri, S. K.; Srivastava, K.; Synthesis of 9-anilinoacridine triazines as new class of hybrid antimalarial agents, *Bioorganic & Medicinal Chemistry Letters*, **2009**, 19(24), 6996-6999.
19. Chikhalia,*K. H.;* Vashi, D. B.; Patel, M. J., Synthesis of a novel class of some 1,3,4-oxadiazole derivatives as antimicrobial agents, *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2009**, 24, 3, 617-622.
20. Cho, H. J.; Jung, M. J.; Kwon, Y. Oxiranylmethyloxy or thiiranylmethyloxy-azaxanthones and acridone analogues as potential topoisomerase I inhibitors, *Bioorganic & Medicinal Chemistry Letters,* **2009**,19(20), 6766-6769.
21. Dimoglo, A.; Gudima, A.; Kandemirli, F.; Macaev, F.; Pogrebnoi, S.; Stingaci, E.; Reylond, R.; Rusu, G.; Shvets, N.; Vlad, L. Synthesis of novel 5-aryl-3-thio-1,3,4-oxadiazoles and the study of their structure-anti-mycobacterial activities, *Bioorganic and Medicinal Chemistry*, **2005,** 13, 4842-4840.
22. Dougan, D. R.; Hayase, Y.; Itoh, F., Kunitomo, J.; Kimura, E.; Kobayashi, H.; Kawamoto, T.; Mol, C. D.; Tanaka, T.; Saitho, M.; Snell, G. P.; Textor, G. S.; Uchiyama, N. Design, synthesis and structure activity relationships of 1,3,4-oxadiazole derivatives as novel inhibitors of glycogen synthase kinase-3β, *Bioorganic and Medicinal Chemistry*, **2009,** 17(5), 2017-2029.
23. Fadeyi, O. O.; Adamson, S. T.; Myles, E. L.; Okoro, C. O. Novel fluorinated acridone derivatives. Part 1: Synthesis and evaluation as potential anticancer agents, *Bioorg Med Chem Lett.* **2008**, 18(14), 4172-6.
24. Filiri, A. F. J.; Gallaschum, R. J.; Grissom, M Godwin, P.; Mangano, F. M.; Mcniff, P. A.; Olson, T. H.; Pollack, V. A.; Schnur,R. C.; Singleton, D. H.; Sloan, D. E. the antitumor activity of benzothiazole derivatives against pulmonary metastases of **3LL** Lewis lung carcinoma *J. Med. Chem.* **1991**, 34, 1975-1982.

25. Foye, W. O.; Lamke, T. L.; Willims, D. A. *"Principal of Medicinal Chemistry"*,4th edition, B.I. Waverly Pvt. Ltd, New Delhi, 1995, 173.
26. Frank, P. V.; Girish, K. S.; Kalluraya, B., Solvent-free microwave-assisted synthesis of oxadiazoles containing imidazole moiety, *J. Chem. Sci***.,** **2007**, 119 (1), 41–46.
27. Furniss, B. S.; Hannaford, A. J.; Smith P. W. G. Vogel's *"Text Book of Practical Organic Chemistry",* 5th Edition, **1989**, ELBS Publication.
28. Gadal,A. K.; Kutty, N. G.; Parihar, K. V.; Manjula, S. N.; Noolvi, N. M.; Ramani, V.; Rao, C. M.; Reddy, S. A. M.; Singh, G. **[22]** synthesized thiourea and their 2-aminobenzothiazole derivatives which showed significant activity against mouse Ehrlich Ascites Carcinoma (EAC) and two human cancer cell lines (MCF-7 and HeLa). *European Journal Of Medicinal Chemistry*, **2009**, 44, 2923-2929
29. Girdhar, A.; Girdhar, S.; Jain, S.; Jain, N. Syntheses and biological studies of novel 9(10H)-acridone derivatives, *Acta Poloniae Pharmaceutica-Drug Research***, 2010,** 67(2), 211-214
30. http://www. Sciencedirect.com/science accessed on 04/05/2014.
31. http://www.articlesbase.com/medicine-articles/importance-of-benzothiazole-nucleus-in-medicinal-531934.html (Accessed on 06/04/2014)
32. http://www.ingentaconnect.com/content/klu/pham accessed on 02/04/20104.
33. http://www.ncbi.nlm.nih.gov/pubmed accessed on 05/04/2014.
34. http://www.niscair.res.in/ScienceCommunication/Research Journal accessed on 27/04/2014.
35. http://www.who.int/csr/resources/publications/drugresist/WHO_CDS_CSR_DRS_2001 _2_EN/en/ (Accessed on 05/04/2014)
36. Jain, N.; Jain, S.; Pathak, D. P.; Mishrac, P. Syntheses and Antibacterial Studies of Some 2-[5-(Aryl)-[1,3,4]oxadiazole-2-ylsulfanyl] alkanoic Acids, *J. Iran. Chem. Soc.*, **2009**, 6, (1),77-81.
37. Johnson, E. O.; Kumar, D.; Shah, K.; Sundaree, S.; ChemInform Abstract: An Efficient Synthesis and Biological Study of Novel Indolyl-1,3,4-oxadiazoles as Potent Anticancer Agents**,** *ChemInform*, **2009,** 40, (48)

38. Kathmann, I.; Lemos, C.; Mayur ,Y. C.; Prasad, V. V.; Zaheeruddin, P. G. J., Synthesis of 2-fluoro N(10)-substituted acridones and their cytotoxicity studies in sensitive and resistant cancer cell lines and their DNA intercalation studies , *Arch Pharm (Weinheim).* **2009**, 342(11), 640-650.
39. Khan, R. H.; Rastogi, R. D.; Synthesis of some 2-[(5-aryl-1,3,4-oxadiazol-2-yl)amino]-1,3-heterazoles as potential pesticides, *J. Agric. Food Chem.*, **1990**, *38* (4), 1068–1071
40. Kumar, S.; Mayura, Y. C.; Osman, A.; Prasadb, V. V. R.; Purohitc, M. N.; Srinivasulub, S. M.; Synthesis of 2-Methyl *N*10-substituted acridones as selective Inhibitors of multidrug resistance (MDR) associated Protein in cancer cells, *Medicinal Chemistry*, **2008**, *4*,457-465.
41. Kumari, N.C.; Mayekar, A. N.; Narayana, B.; Sarojini, B. K.; Yathirajan, H. S. Synthesis and Antimicrobial Studies on New Substituted 1,3,4-Oxadiazole Derivatives Bearing 6-Bromonaphthalene Moiety, *International Journal of Chemistry*, **2010,** 119, 1, 41-46.
42. Qian, X.; Shi, W.; Song, G.; Zhang, R.; Synthesis and Quantitative Structure−Activity Relationships of New 2,5-Disubstituted-1,3,4-oxadiazoles**,** *J. Agric. Food Chem.*,**2001**,*49* (1), 124–130.
43. Rajeeva, B.; Srinivasulu, N.; Shantakumar, S. M . benzothiazole derivatives containing 1,3,4-oxadiazole ring. They were screened for antibacterial activity using ciprofloxacin as standard against gram-positive and gram-negative bacteria. *Journal of Chemistry*, **2009**, 6 (3), 775-779..
44. Tripathi, K. D. *"Essential of medical pharmacology",* 4th Edition, Jaypee Brothers Medical Publishers (P) Ltd, New Delhi, **1999**, 627-735,
45. Wainwright, M. Acridine a neglected antibacterial chromophore**,** *Journal* ***of*** *Antimicrobial Chemotherapy*, **2001**, 47, 1-13.